Product data sheet
Characteristics

SMV2000CAI
APC Easy UPS 1 Ph Line Interactive, 2000VA, Tower, 230V, 6 IEC C13 outlets, AVR, Dry Contact, LCD, Without Network Card support



Overview

Presentation	Easy UPS provides power protection for unstable power conditions, ensuring consistent and rel

Main

Main Input Voltage	230 V AC 1 phase
Input voltage	220 V 240 V
Input Connection Type	IEC 60320 C14
Input voltage limits	165...295 V
Network frequency	45...65 Hz +/- 1 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	1400 W
Rated power in VA	2000 VA
Output connection type	6 IEC 60320 C13
Crest factor	3 : 1
Maximum configurable power in VA	2000 VA
Maximum configurable power in W	1400 W
Transfer time	2-6 ms typical : 12 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery type	Lead-acid internal included
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port
Surge energy rate	125 J
Number of cables	1
Colour	Black
Height	240 Mm
Width	180 Mm
Depth	455 Mm

Net weight	23.5 Kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Mounting mode	Tower
Provided equipment	Documentation CD User manual USB cable
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	CE[RETURN]UKCA[RETURN]EAC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-10…40 °C
Storage altitude	0…15000 M
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	45 dBA
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	48 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 H
Battery life	3…5 Year(S)
Battery charger power	75 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	41.05 Cm
Package 1 Width	32.6 Cm
Package 1 Length	60.1 Cm
Package 1 Weight	26.9 Kg

Offer Sustainability

Recyclability potential, in %	58
Total lifecycle Carbon footprint	1 835 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	573.1055226000501
Carbon footprint of the manufacturing phase [A1 to A3]	573 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	6.779875790235888
Carbon footprint of the installation phase [A5]	7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1251.0931016236389

Carbon footprint of the use phase [B2, B3, B4, B6]	1 251 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	1.5882139972707272
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1835
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	End Of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised